

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/001791

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G03F 7/027

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G03F 7/027, G03G 5/14, G03G 5/24,

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR, JP : classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NPS, JPO, ESPACENET, DELPHION

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,919,569 A (Tokyo Ohka Kogyo Co., Ltd.,) 06. Jul. 1999 See the whole document	1 - 11
A	US 4,822,705 A (Ricoh Company , Ltd.,) 18. Apr. 1989 See the whole document	1 - 11
A	EP 770 923 A1 (Tokyo Ohka Kogyo Co., Ltd.,) 02. Mai. 1997 See the whole document	1 - 11
A, P	EP 1 324 139 A2 (Ricoh Company , Ltd.,) 02. Jul. 2003 See the whole document	1 - 11

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

30 JANUARY 2004 (30.01.2004)

Date of mailing of the international search report

30 JANUARY 2004 (30.1.2004)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIM, Hyun Sook

Telephone No. 82-42-481-5584



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2003/001791

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5,919,569 A	06. Jul. 1999	US 5,776,995 A EP 770 923 A1 DE 69620093 T2 JP 09127692 A2	07. Jul. 1998 02. Mai. 1997 01. Nov. 2002 15. Mai. 1997
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EP 770 923 A1	02. Mai. 1997	US 5,776,995 A US 5,919,569 A DE 69620093 T2 JP 09127692 A2	07. Jul. 1998 06. Jul. 1999 01. Nov. 2002 15. Mai. 1997
EP 1 324 139 A2	02. Jul. 2003	US 2003/0232265 A1	18. Dec. 2003